

CLAIMS

1. A water-based inkjet printer ink comprising at least a colorant and a resin, characterized in that said resin is a block copolymer comprising at least one hydrophilic block and at least one hydrophobic block, each of said blocks is a vinyl ether polymer, and said ink further comprises aluminum or an aluminum compound.

2. A water-based inkjet printer ink according to claim 1, wherein a molar ratio of said resin to said aluminum or aluminum compound is from 1:5 to 10,000:3.

3. A water-based inkjet printer ink according to claim 1, wherein a molar ratio of said resin to said aluminum or aluminum compound is from 100:6 to 1,000:3.

4. A water-based inkjet printer ink according to claim 1, wherein said block copolymer has a number average molecular weight of from 500 to 20,000,000.

5. A water-based inkjet printer ink according to claim 1, wherein said aluminum compound is at least one aluminum compound selected from the group consisting of alumina, aluminum hydroxide, tripropylaluminum, triisopropylaluminum, and aluminum compounds as Ziegler-Natta catalysts.

6. A water-based inkjet printer ink according to claim 1, wherein said colorant is an oil-soluble dye.

7. An inkjet recording process characterized in that an image is formed by an inkjet recording system while using a water-based inkjet printer ink according to any one of claims 1-6.